

FORM PTO-1390 (REV. 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 70750.100	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To Be Assigned <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/531415</div>	
INTERNATIONAL APPLICATION NO. PCT/EP2003/011525		INTERNATIONAL FILING DATE 17 October 2003 (17.10.2003)		PRIORITY DATE CLAIMED 18 October 2002 (18.10.2002)	
TITLE OF INVENTION: Delocalization Molecules and Use Thereof					
APPLICANT(S) FOR DO/EO/US Wolfgang BERDEL <i>et al.</i>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
<b>Items 11 to 20 below concern document(s) or information included:</b>					
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13<sup>ter</sup>.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information (list):           <div style="padding-left: 20px;">             a) a copy of the Published International Application (WO 2004/037278 A2); b) a paper copy of the Sequence Listing (10 pages), as published in the International Application (WO 2004/037278); c) a copy of the Published International Search Report (WO 2004/037278 A3); d) a copy of Form PCT/IB/308 (Notice Informing the Applicant of the Communication of the International Application to the Designated Offices); e) a copy of Form PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document); and f) a copy of Form PCT/ISA/210 (International Search Report).           </div> </li> </ol>					

JC12 Rec'd PCT/PTC 1 5 APR 2005

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		International Application No.		ATTORNEY'S DOCKET NUMBER	
To Be Assigned <b>10/531415</b>		PCT/EP2003/011525		70750.100	
21. <input checked="" type="checkbox"/> The following fees are submitted:				Applicant Use	Office Use Only
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee..... \$500.00				\$ 500.00	
Total of above calculations = \$1,000.00				\$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
85 - 100 =	0/50 =	-0-	X \$250.00	\$ -0-	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	36 - 20 =	16	x \$ 50.00	\$ 800.00	
Independent claims	2 - 3 =	0	x \$ 200.00	\$ -0-	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1,930.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$1,930.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 130.00	
<b>TOTAL NATIONAL FEE =</b>				\$2,060.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
<b>TOTAL FEES ENCLOSED =</b>				\$2,060.00	
				Amount to be refunded:	\$
				charged:	\$

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To Be Assigned <b>10/531415</b>	International Application No. PCT/EP2003/011525	ATTORNEY'S DOCKET NUMBER 70750.100
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a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 50-2387 in the amount of \$2,060.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

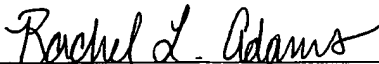
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2387. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.496 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

**Customer No. 28381**

  
 \_\_\_\_\_  
 SIGNATURE  
 Rachel L. Adams (Reg. No. 54,660)

Date: April 15, 2005

Rachel L. Adams, Ph.D.  
Rachel\_Adams@aporter.com

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555 Twelfth Street, NW  
Washington, DC 20004-1206

April 15, 2005

**Mail Stop PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. National Phase Application  
Based on International Application No. PCT/EP2003/011525  
International Filing Date: October 17, 2003  
Appln. No.: To Be Assigned  
Filed: Herewith  
Title: **Delocalization Molecules and Use Thereof**  
Applicants: Wolfgang BERDEL *et al.*  
Atty. Docket: 70750.100

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office (PTO):

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)  
Concerning a Filing Under 35 U.S.C. 371 (in duplicate);
2. a copy of Published International Application (WO 2004/037278 A2) entitled:

**Delocalization Molecules and Use Thereof**

and naming as inventors:

**Wolfgang BERDEL**

**Carsten MÜLLER-TIDOW**

**Hubert SERVE**

**Björn STEFFEN;**

the application consisting of:

a specification containing:

- (i) 2 pages of caption, including an abstract;
- (ii) 25 pages of a description prior to claims;
- (iii) 5 pages of claims (36 claims);

- (iv) 13 sheets of drawings (Figures 1A, 1B, 1C, 2, 3, 4, 5A, 5B, 5C, 5D, 6A, 6B, and 7);
- (v) 10 pages of a paper copy of sequence listing;
- 3. a copy of Published International Search Report (WO 2004/037278 A3);
- 4. a Preliminary Amendment;
- 5. a copy of Form PCT/IB/308 (Notice Informing the Applicant of the Communication of the International Application to the Designated Offices);
- 6. a copy of Form PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document);
- 7. a copy of Form PCT/ISA/210 (International Search Report); and
- 8. two (2) return postcards.

Applicant requests that \$2,060.00 for the following fees be charged to Deposit Account No. 50-2387, referencing matter number 70750.100:

<u>\$300.00</u>	basic filing fee
<u>\$200.00</u>	examination fee
<u>\$500.00</u>	search fee
<u>\$800.00</u>	additional claims fee
<u>\$130.00</u>	surcharge for oath or declaration later than 30 months; and
<u>\$130.00</u>	fee for furnishing the English translation later than 30 months.

Please stamp one of the two attached postcards with the filing date of these documents and return it to our courier, and stamp the other prepaid postcard with the filing date and unofficial application number and return it as soon as possible.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicant does not believe any fees, other than the above fees (\$2,060) are due in conjunction with this filing. However, if any additional fees are required in the present application, including any fees for extensions of time,

ARNOLD & PORTER LLP

Commissioner for Patents  
Atty. Dkt.: 70750.100  
April 15, 2005  
Page 3

then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387, referencing matter number 70750.100. A duplicate copy of this letter is enclosed.

Respectfully submitted,

*Rachel L. Adams*

Rachel L. Adams (Reg. Atty. No. 54,660)  
David R. Marsh (Reg. Atty. No. 41,408)

Attachments